

Interview Summary	Application No. 10/068,103	Applicant(s) FISCHER ET AL.	
	Examiner John J. Wilson	Art Unit 3732	

All participants (applicant, applicant's representative, PTO personnel):

- (1) John J. Wilson. (3) _____
 (2) Rick D. Nydegger. (4) _____

Date of Interview: 24 May 2004.

Type: a) ☐ Telephonic b) ☐ Video Conference
 c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
 If Yes, brief description: _____.

Claim(s) discussed: 15, 40 and 46.

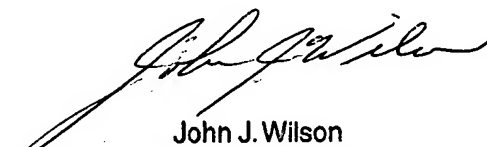
Identification of prior art discussed: Eibofner, Bailey Kennedy.

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Proposed amendments were discussed, see attached claims as examples. An amendment will be submitted for further consideration along the lines of the proposed amendments shown. The amendments appear to favorably be directed at overcoming the use of a light guide and of overcoming a self contained light curing device. The examiner will give further consideration to the actual filed claim language.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.


 John J. Wilson
 Primary Examiner

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

 Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Same

40. (Previously Presented) A relatively light weight, hand-held dental device for curing light-curable compounds, and that is adapted for use in a system that includes a holding tray comprising one or more recesses, at least one of which is for receiving the dental device so as to hold the dental device in a convenient, generally upright fashion for easy grasping, and a remote power supply for providing power to the dental device, the dental device comprising dental device configured for curing light-curable compounds, comprising:

an elongate body extending between a proximal end and a distal end, said ~~distal~~ ^{proximal} end comprising a tapered fit adapted to be received within the at least one recess of the holding tray;

an LED light source laterally disposed at the distal end of the body in order to directly emit curing light suitable for curing a light-curable compound within the mouth of a patient for direct application of the curing light thereby eliminating any need for a light guide to direct the curing light, said curing light emitted in a direction that is lateral to the body;

a heat sink disposed in contact with the LED light source and configured so as to draw away and dissipate heat generated by the LED light source; and

a transilluminating lens removably attached to the distal end of the dental device and positioned so that light generated by the light source passes through the transilluminating lens; and

a power cord extending from the proximal end of the body and operably connecting the dental device with a remotely located power supply.

41. (Previously Presented) A dental device as recited in claim 40, wherein the elongate body extends substantially along a single central axis.

42. (Previously Presented) A dental device as recited in claim 40, wherein the LED light source is perpendicularly disposed at the distal end of the body in order to emit light in a direction that is substantially perpendicular to the body;

15. (Previously Presented) ~~A relatively light weight, hand-held dental device for curing light-curable compounds and that is adapted for use~~ ^{In} a system that includes a holding tray comprising one or more recesses, at least one of which is for receiving the dental device so as to hold the dental device in a convenient, generally upright fashion for easy grasping, and a remote power supply for providing power to the dental device. ~~the dental device comprising~~ ^{an improved} ~~configured for curing light-curable compounds comprising:~~ ^(for curing light-curable compounds)

^{relatively, light weight, hand-held} a body extending between a proximal end and a distal end, wherein the proximal end of the body is configured with a taper so that it ^{securely fits} into the at least one recess of the ~~a holding slot of a standard dental hand piece holding tray that is sized and configured to securely receive at least one type of dental hand piece, and wherein the distal end of the body is configured in size and shape to be inserted into the mouth of a patient; and~~

a light source disposed at the distal end of the body and configured to directly emit light suitable for curing light-curable compounds, wherein the light source and distal end of the body are configured in size and shape to be inserted and rotated within the mouth of a patient for direct application of the curing light within the patient's mouth thereby eliminating any need for a light guide to direct the curing light; and

a power cord extending from the proximal end of the body and operably connecting the dental device with a remotely located power supply.

16. (Previously Presented) A dental device as recited in claim 15, wherein the light source comprises at least one LED.

17. (Previously Presented) A dental device as recited in claim 15, wherein at least a portion of the body is substantially cylindrical.

18. (Previously Presented) A dental device as recited in claim 15, further comprising a lens connected to the distal end of the dental device.

19. (Previously Presented) A dental kit comprising:

Clean Copy of Claims *per Amendment "D"*

WN File No. 7678.569

Filed: February 5, 2002

Serial Number: 10/068,103

LIGHTWEIGHT HAND HELD DENTAL CURING DEVICE

46. (New - to replace claim 1) A relatively light weight, hand-held dental device for curing light-curable compounds, and that is adapted for use in a system that includes a holding tray comprising one or more recesses, at least one of which is for receiving the dental device so as to hold the dental device in a convenient, generally upright fashion for easy grasping, and a remote power supply for providing power to the dental device, the dental device comprising:

means for defining a generally elongated, sleek and slender body for enabling the dental device to be held and easily rotated into various positions when using the dental device for curing procedures in a patient's mouth;

means, disposed at one end of the dental device, for directly emitting radiant energy suitable for curing light-curable dental compounds;

means for configuring an opposite end of the dental device to facilitate a tapered fit with the at least one recess of the holding tray; and

a power cord extending from the body means for operably connecting the dental device with the remotely located power supply.

2. (Original) A dental device as recited in claim 1, wherein the light source comprises at least one LED.

3. (Original) A dental device as recited in claim 1, further including a power cord operably connecting the dental device to a power supply.

4. (Original) A dental device as recited in claim 3, further including power supply wires disposed within the body and communicating between the light source and the power cord.

5. (Original) A dental device as recited in claim 1, further comprising controls disposed on the body, wherein the controls are configured for controlling illumination of the light source.